

| L Number | Hits | Search Text   | DB   | Time stamp       |
|----------|------|---|--|------------------|
| 1        | 336  | ALD and plasma and silicide   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 13:27 |
| 2        | 0    | 20020197881.URPN.   | USPAT  | 2004/10/22 11:46 |
| 3        | 0    | 20020146895.URPN.   | USPAT  | 2004/10/22 11:50 |
| 4        | 0    | 6709989.URPN.   | USPAT  | 2004/10/22 12:03 |
| 12       | 403  | plasma and (atomic adj layer adj deposition) and silicide   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 13:40 |
| 13       | 97   | (plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide)   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:00 |
| 21       | 511  | 438/682.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:01 |
| 22       | 8    | 438/682.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:01 |
| 23       | 3    | (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:01 |
| 24       | 653  | 438/683.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:02 |
| 25       | 13   | 438/683.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:02 |
| 26       | 4    | (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide)) | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:02 |
| 27       | 644  | 438/685.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:48 |
| 28       | 47   | 438/685.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:48 |

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| 29 | 33 | (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:49 |
| 30 | 99 | ("4796082"<br>"5593562"<br>"4568960"<br>"5217943"<br>"6576062"<br>"6773970"<br>"6703296"<br>"5320880"<br>"5652181"<br>"5882399"<br>"6420260"<br>"4557943"<br>"4617237"<br>"4443930"<br>"4568565"<br>"5719410"<br>"4978420"<br>"5236868"<br>"5403435"<br>"5478780"<br>"5928966"<br>"6100193"<br>"4411734"<br>"5246887"<br>"5344792"<br>"5554488"<br>"5686761"<br>"5693562"<br>"5736455"<br>"5801095"<br>"5849092"<br>"5904561"<br>"5926743"<br>"5933760"<br>"5990493"<br>"5994211"<br>"6026762"<br>"6117345"<br>"6146988"<br>"6204550"<br>"4453305"<br>"4464701"<br>"4570328"<br>"4605947"<br>"4777061"<br>"4777150"<br>"4786360"<br>"4795722"<br>"4839304"<br>"4894693").pn. | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:42 |

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| 31 | 312 | 438/686.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:50 |
| 32 | 22  | 438/686.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:51 |
| 33 | 14  | (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:51 |
| 34 | 9   | ((438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))) and plasma  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:51 |
| 35 | 577 | 438/597.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:51 |
| 36 | 8   | 438/597.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:51 |
| 37 | 4   | (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))              | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:51 |
| 38 | 1   | ((438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))) and plasma | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:52 |
| 39 | 194 | 438/630.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:52 |

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| 40 | 4   | 438/630.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:52 |
| 41 | 2   | (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:52 |
| 42 | 1   | ((438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))) and plasma  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:52 |
| 43 | 728 | 438/648.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:58 |
| 44 | 21  | 438/648.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:58 |
| 45 | 13  | (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))              | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:59 |
| 46 | 4   | ((438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))) and plasma | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 14:59 |

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| 47 | 455 | 438/649.ccls.  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:00 |
| 48 | 4   | 438/649.ccls. and (ald or (atomic adj layer adj deposition))   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:00 |
| 49 | 1   | (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:01 |
| 50 | 1   | ((438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))) and plasma   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:01 |
| 51 | 155 | 438/650.ccls.  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:01 |
| 52 | 11  | 438/650.ccls. and (ald or (atomic adj layer adj deposition))   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:01 |
| 53 | 1   | (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide)) | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:01 |

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|----|-----|---|--|------------------|
| 54 | 0   | ((438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))) and plasma   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:02 |
| 55 | 114 | 438/651.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:01 |
| 56 | 1   | 438/651.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:01 |
| 57 | 0   | (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide)) | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:01 |
| 58 | 903 | 438/655.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:02 |
| 59 | 3   | 438/655.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:02 |

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|----|-----|---|--|------------------|
| 60 | 0   | (438/655.ccls. and (ald or (atomic adj layer adj deposition))) not (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:02 |
| 61 | 895 | 438/656.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:03 |
| 62 | 17  | 438/656.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:03 |
| 63 | 3   | (438/656.ccls. and (ald or (atomic adj layer adj deposition))) not (438/655.ccls. and (ald or (atomic adj layer adj deposition))) not (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide)) | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:03 |

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|----|-----|--|--|------------------|
| 64 | 1   | ((438/656.ccls. and (ald or (atomic adj layer adj deposition))) not (438/655.ccls. and (ald or (atomic adj layer adj deposition))) not (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))) and plasma   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:03 |
| 65 | 127 | 438/676.ccls.  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:04 |
| 66 | 5   | 438/676.ccls. and (ald or (atomic adj layer adj deposition))   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:04 |
| 67 | 2   | (438/676.ccls. and (ald or (atomic adj layer adj deposition))) not (438/656.ccls. and (ald or (atomic adj layer adj deposition))) not (438/655.ccls. and (ald or (atomic adj layer adj deposition))) not (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide)) | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:04 |



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|----|-----|---|--|------------------|
| 68 | 0   | ((438/676.ccls. and (ald or (atomic adj layer adj deposition))) not (438/656.ccls. and (ald or (atomic adj layer adj deposition))) not (438/655.ccls. and (ald or (atomic adj layer adj deposition))) not (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))) and plasma   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:03 |
| 69 | 257 | 438/677.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:04 |
| 70 | 8   | 438/677.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:04 |
| 71 | 0   | (438/677.ccls. and (ald or (atomic adj layer adj deposition))) and (438/676.ccls. and (ald or (atomic adj layer adj deposition))) not (438/656.ccls. and (ald or (atomic adj layer adj deposition))) not (438/655.ccls. and (ald or (atomic adj layer adj deposition))) not (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide)) | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:05 |
| 72 | 746 | 438/758.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:05 |
| 73 | 28  | 438/758.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:05 |

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| 74 | 0   | (438/758.ccls. and (ald or (atomic adj layer adj deposition))) not (438/677.ccls. and (ald or (atomic adj layer adj deposition))) and (438/676.ccls. and (ald or (atomic adj layer adj deposition))) not (438/656.ccls. and (ald or (atomic adj layer adj deposition))) not (438/655.ccls. and (ald or (atomic adj layer adj deposition))) not (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:05 |
| 75 | 396 | 438/761.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:05 |
| 76 | 14  | 438/761.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:05 |
| 77 | 0   | (438/761.ccls. and (ald or (atomic adj layer adj deposition))) and (438/758.ccls. and (ald or (atomic adj layer adj deposition))) not (438/677.ccls. and (ald or (atomic adj layer adj deposition))) and (438/676.ccls. and (ald or (atomic adj layer adj deposition))) not (438/656.ccls. and (ald or (atomic adj layer adj deposition))) not (438/655.ccls. and (ald or (atomic adj layer adj deposition))) not (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide)) | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:05 |
| 78 | 278 | 438/762.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:06 |

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|----|-----|--|--|------------------|
| 79 | 2   | 438/762.ccls. and (ald or (atomic adj layer adj deposition))   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:06 |
| 80 | 0   | (438/762.ccls. and (ald or (atomic adj layer adj deposition))) not (438/761.ccls. and (ald or (atomic adj layer adj deposition))) and (438/758.ccls. and (ald or (atomic adj layer adj deposition))) not (438/677.ccls. and (ald or (atomic adj layer adj deposition))) and (438/676.ccls. and (ald or (atomic adj layer adj deposition))) not (438/656.ccls. and (ald or (atomic adj layer adj deposition))) not (438/655.ccls. and (ald or (atomic adj layer adj deposition))) not (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide)) | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:06 |
| 81 | 954 | 438/763.ccls.  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:06 |
| 82 | 20  | 438/763.ccls. and (ald or (atomic adj layer adj deposition))   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:06 |

|    |     |   |  |                  |
|----|-----|---|--|------------------|
| 83 | 0   | (438/763.ccls. and (ald or (atomic adj layer adj deposition))) not (438/762.ccls. and (ald or (atomic adj layer adj deposition))) not (438/761.ccls. and (ald or (atomic adj layer adj deposition))) and (438/758.ccls. and (ald or (atomic adj layer adj deposition))) not (438/677.ccls. and (ald or (atomic adj layer adj deposition))) and (438/676.ccls. and (ald or (atomic adj layer adj deposition))) not (438/656.ccls. and (ald or (atomic adj layer adj deposition))) not (438/655.ccls. and (ald or (atomic adj layer adj deposition))) not (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide)) | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:07 |
| 84 | 148 | 438/765.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:07 |
| 85 | 8   | 438/765.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:07 |

|    |     |  |  |                  |
|----|-----|--|--|------------------|
| 86 | 0   | (438/765.ccls. and (ald or (atomic adj layer adj deposition))) and (438/763.ccls. and (ald or (atomic adj layer adj deposition))) not (438/762.ccls. and (ald or (atomic adj layer adj deposition))) not (438/761.ccls. and (ald or (atomic adj layer adj deposition))) and (438/758.ccls. and (ald or (atomic adj layer adj deposition))) not (438/677.ccls. and (ald or (atomic adj layer adj deposition))) and (438/676.ccls. and (ald or (atomic adj layer adj deposition))) not (438/656.ccls. and (ald or (atomic adj layer adj deposition))) not (438/655.ccls. and (ald or (atomic adj layer adj deposition))) not (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide)) | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:07 |
| 87 | 230 | 438/769.ccls.  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:07 |
| 88 | 9   | 438/769.ccls. and (ald or (atomic adj layer adj deposition))   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:07 |

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|----|-----|---|--|------------------|
| 89 | 0   | (438/769.ccls. and (ald or (atomic adj layer adj deposition))) not (438/765.ccls. and (ald or (atomic adj layer adj deposition))) and (438/763.ccls. and (ald or (atomic adj layer adj deposition))) not (438/762.ccls. and (ald or (atomic adj layer adj deposition))) not (438/761.ccls. and (ald or (atomic adj layer adj deposition))) and (438/758.ccls. and (ald or (atomic adj layer adj deposition))) not (438/677.ccls. and (ald or (atomic adj layer adj deposition))) and (438/676.ccls. and (ald or (atomic adj layer adj deposition))) not (438/656.ccls. and (ald or (atomic adj layer adj deposition))) not (438/655.ccls. and (ald or (atomic adj layer adj deposition))) not (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide)) | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:07 |
| 90 | 967 | 438/778.ccls.   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:08 |
| 91 | 51  | 438/778.ccls. and (ald or (atomic adj layer adj deposition))  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:08 |

|    |     |  |  |                  |
|----|-----|--|--|------------------|
| 92 | 0   | (438/778.ccls. and (ald or (atomic adj layer adj deposition))) not (438/769.ccls. and (ald or (atomic adj layer adj deposition))) not (438/765.ccls. and (ald or (atomic adj layer adj deposition))) and (438/763.ccls. and (ald or (atomic adj layer adj deposition))) not (438/762.ccls. and (ald or (atomic adj layer adj deposition))) not (438/761.ccls. and (ald or (atomic adj layer adj deposition))) and (438/758.ccls. and (ald or (atomic adj layer adj deposition))) not (438/677.ccls. and (ald or (atomic adj layer adj deposition))) and (438/676.ccls. and (ald or (atomic adj layer adj deposition))) not (438/656.ccls. and (ald or (atomic adj layer adj deposition))) not (438/655.ccls. and (ald or (atomic adj layer adj deposition))) not (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide)) | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:08 |
| 93 | 535 | 438/785.ccls.  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:08 |
| 94 | 102 | 438/785.ccls. and (ald or (atomic adj layer adj deposition))   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:08 |

|    |   |   |  |                  |
|----|---|---|--|------------------|
| 95 | 0 | (438/785.ccls. and (ald or (atomic adj layer adj deposition))) not (438/778.ccls. and (ald or (atomic adj layer adj deposition))) not (438/769.ccls. and (ald or (atomic adj layer adj deposition))) not (438/765.ccls. and (ald or (atomic adj layer adj deposition))) and (438/763.ccls. and (ald or (atomic adj layer adj deposition))) not (438/762.ccls. and (ald or (atomic adj layer adj deposition))) not (438/761.ccls. and (ald or (atomic adj layer adj deposition))) and (438/758.ccls. and (ald or (atomic adj layer adj deposition))) not (438/677.ccls. and (ald or (atomic adj layer adj deposition))) and (438/676.ccls. and (ald or (atomic adj layer adj deposition))) not (438/656.ccls. and (ald or (atomic adj layer adj deposition))) not (438/655.ccls. and (ald or (atomic adj layer adj deposition))) not (438/651.ccls. and (ald or (atomic adj layer adj deposition))) not (438/650.ccls. and (ald or (atomic adj layer adj deposition))) not (438/649.ccls. and (ald or (atomic adj layer adj deposition))) not (438/648.ccls. and (ald or (atomic adj layer adj deposition))) not (438/630.ccls. and (ald or (atomic adj layer adj deposition))) not (438/597.ccls. and (ald or (atomic adj layer adj deposition))) not (438/686.ccls. and (ald or (atomic adj layer adj deposition))) not (438/685.ccls. and (ald or (atomic adj layer adj deposition))) not (438/683.ccls. and (ald or (atomic adj layer adj deposition))) not (438/682.ccls. and (ald or (atomic adj layer adj deposition))) not (ALD and plasma and silicide) not ((plasma and (atomic adj layer adj deposition) and silicide) not (ALD and plasma and silicide)) | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:08 |
|----|---|---|--|------------------|



|                |                             |  |  |                  |
|----------------|-----------------------------|--|--|------------------|
| 96             | 0                           | ("4796082"<br>"5593562"<br>"4568960"<br>"5217943"<br>"6576062"<br>"6773970"<br>"6703296"<br>"5320880"<br>"5652181"<br>"5882399"<br>"6420260"<br>"4557943"<br>"4617237"<br>"4443930"<br>"4568565"<br>"5719410"<br>"4978420"<br>"5236868"<br>"5403435"<br>"5478780"<br>"5928966"<br>"6100193"<br>"4411734"<br>"5246887"<br>"5344792"<br>"5554488"<br>"5686761"<br>"5693562"<br>"5736455"<br>"5801095"<br>"5849092"<br>"5904561"<br>"5926743"<br>"5933760"<br>"5990493"<br>"5994211"<br>"6026762"<br>"6117345"<br>"6146988"<br>"6204550"<br>"4453305"<br>"4464701"<br>"4570328"<br>"4605947"<br>"4777061"<br>"4777150"<br>"4786360"<br>"4795722"<br>"4839304"<br>"4894693").pn.<br>) not (438/785.ccls. and (ald or (atomic adj layer adj<br>deposition))) not (438/778.ccls. and (ald or (atomic adj<br>layer adj deposition))) not (438/769.ccls. and (ald or<br>(atomic adj layer adj deposition))) not (438/765.ccls. and<br>(ald or (atomic adj layer adj deposition))) and<br>(438/763.ccls. and (ald or (atomic adj layer adj<br>deposition))) not (438/762.ccls. and (ald or (atomic adj<br>layer adj deposition))) not (438/761.ccls. and (ald or<br>(atomic adj layer adj deposition))) and (438/758.ccls.<br>and (ald or (atomic adj layer adj deposition))) not<br>(438/677.ccls. and (ald or (atomic adj layer adj<br>deposition))) and (438/676.ccls. and (ald or (atomic adj<br>layer adj deposition))) not (438/656.ccls. and (ald or | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT;<br>IBM_TDB | 2004/10/22 15:08 |
| Search History | 10/22/04 3:09:22 PM Page 17 | C:\APPS\EAST\Workspaces\9958.wsp   |  |                  |